

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: Houston Ship Channel USACE District: Galveston

Dredge Name: M/V Glenn Edwards Dredge Firm: Manson Construction

Contract # W912HY-08-C0006 Maintenance X / New Work

DATES: 12 / 18 / 07 -- 12 / 24 / 07 LOADS #s: 1 -- 25

Areas worked (stations, etc): Stations 59+400---->67+00 sections 1 & 2

Locations, Lat/Long: N 29 ° 32 . 146 x W 94 ° 53 . 822

Lat/Long: N ° . x W ° .

Were there incidents involving endangered or protected species? YES NO X

Which species? N/A

Comments:

Material Dredged: Mud

Biotics: wood, oyster shells, (3) black drum, (6) blue crab, (2) hogchokers, (20) catfish, (3) stingrays, (1) tonguefish

Abiotics: trash, rope, chain, cloth, cable

No incidents involving endangered or protected species

BRIDGE WATCH SUMMARY

| <u>Date/Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|------------------|---------------------------|------------------------------|--|
| Every day | <i>Tursiops truncatus</i> | / 3-20 | Foraging & Playing between dig and dump site |
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Observers' Names Travis Tobey (December 18-22), Bonnie Gauthier (December 22 on)

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 18 / 2007Project Name: Houston Ship ChannelUSACE District: Houston ~~Galveston~~Dredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract #: W912HY-08-C-0006Maintenance X / New Work Load #s: 1 - 2 Areas worked (stations, etc): sections 1 & 2Location, Lat/Long: N ° ' " x W ° ' "Beaufort Sea State: ☐0 ☐1 ☒2 ☒3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12AIR TEMP: 17 - 21 °C / °F Wind Direction and Speed S@ 5 - 10 ktsWATER TEMP: Surface 16.7 °C / °F Column (mid-depth) °C / °F Bottom °C / °FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud

Biotics - wood,

Abiotics - trash, rope

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---------|---------------------------|-----------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 12 | Between Dig and Dump Site |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 19 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 3 - 6 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 16-21 °C / °F Wind Direction and Speed SE @ 10 - 15 kts

WATER TEMP: Surface 16.7 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood,
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 12 | Between Dig and Dump Site |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 20 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 7 - 10 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 16-23 °C / °F Wind Direction and Speed Sw@ 5 - 15 kts; NW@5-15 kts

WATER TEMP: Surface 15 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (2) black drum, (2) hog chokers, (1) catfish, (1) stingray, (2) blue crabs
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 12 | Between Dig and Dump Site |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 21 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 11 - 14 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 " x W 94 ° 53 ' 822 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 14-20 ° C / ° F Wind Direction and Speed SE @ 5- 10 kts

WATER TEMP: Surface 15 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, () black drum, (1) toungefish, (9) catfish, (1) stingray, (3) blue crabs
Abiotics - trash, rope, steel cable
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 12 | Between Dig and Dump Site |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 22 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 15 - 17 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 14-20 °C / °F Wind Direction and Speed SE@ 5- 10 kts

WATER TEMP: Surface 15 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (5) catfish, (1) blue crab
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 12 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 23 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 18 - 21 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 13-19 °C / °F Wind Direction and Speed N@ 10-25 kts

WATER TEMP: Surface 16 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (3) catfish, (1) stingray, (1) black drum
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 20 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 24 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 22 - 25 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 14-19 ° C / ° F Wind Direction and Speed E@ 10-20 kts

WATER TEMP: Surface 15 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (2) catfish,
Abiotics - trash, rope, chain
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: Houston Ship Channel USACE District: Galveston

Dredge Name: M/V Glenn Edwards Dredge Firm: Manson Construction

Contract # W912HY-08-C0006 Maintenance X / New Work

DATES: 12 / 25 / 07 -- 12 / 31 / 07 LOADS #s: 26 -- 53

Areas worked (stations, etc): Stations 59+400---->67+00 sections 1 & 2

Locations, Lat/Long: N 29 ° 32 . 146 x W 94 ° 53 . 822

Lat/Long: N ° . x W ° .

Were there incidents involving endangered or protected species? YES NO X

Which species? N/A

Comments:

Material Dredged: Mud

Biotics: wood, oyster shells, (4) black drum, (11) blue crab, (10) catfish, (3) skates, (2) eels

Abiotics: trash, rope, chain, cloth, cable

No incidents involving endangered or protected species

BRIDGE WATCH SUMMARY

| <u>Date/Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|------------------|---------------------------|------------------------------|--|
| Every day | <i>Tursiops truncatus</i> | / 3-10 | Foraging & Playing between dig and dump site |
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Observers' Names Bonnie Gauthier

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 25 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 26 - 30 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☒3 ☒4 ☒5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 14-19 °C / °F Wind Direction and Speed NE- E-SE@ 10-20 kts

WATER TEMP: Surface 15 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
 Biotics - wood, oyster shells, (2) catfish, (3) skates, (2) eels
 Abiotics - trash, rope, chain
 NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|----------------|----------------------------------|------------------------------|----------------------------------|
| <u>All Day</u> | <u><i>Tursiops truncatus</i></u> | <u>> 10 / 3-5</u> | <u>Between Dig and Dump Site</u> |
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Observers Names Bonnie Gauthier

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 26 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 30 - 33 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 15-19 °C / °F Wind Direction and Speed N @ 15-20 kts

WATER TEMP: Surface 15 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (1) catfish, (1) blue crab, (1)black drum
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 27 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 34 - 37 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 13-16 °C / °F Wind Direction and Speed NE-ESE @ 15-20 kts

WATER TEMP: Surface 14 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (2) catfish, (3) blue crab, (1) red drum
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 28 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 38 - 41 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 13-17 ° C / ° F Wind Direction and Speed NW @ 15-25 kts

WATER TEMP: Surface 14 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (2) catfish, (4) blue crab, (1) Black drum, (3) skates
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 29 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 42 - 45 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10-15 °C / °F Wind Direction and Speed NE @ 15-25 kts

WATER TEMP: Surface 14 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (2) blue crab, (1) Black drum,
Abiotics - trash, rope, cable
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 30 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 46 - 49 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 12-17 ° C / ° F Wind Direction and Speed NE @ 2-10 kts

WATER TEMP: Surface 14 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells, (1) blue crab, (3) catfish
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 31 / 2007

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 50 - 53 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 x W 94 ° 53 ' 822

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 14-17 ° C / ° F Wind Direction and Speed light airs

WATER TEMP: Surface 13 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged -mud
Biotics - wood, oyster shells
Abiotics - trash, rope
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|---------------------------|
| All Day | <i>Tursiops truncatus</i> | > 10 / 3 - 5 | Between Dig and Dump Site |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: Houston Ship Channel USACE District: Galveston

Dredge Name: M/V Glenn Edwards Dredge Firm: Manson Construction

Contract # W912HY-08-C0006 Maintenance X / New Work

DATES: 1 / 1 / 08 -- 1 / 7 / 08 LOADS #s: 54 -- 71

Areas worked (stations, etc): stations 68+00 --->73+00

Locations, Lat/Long: N 29 ° 30 . 8 x W 94 ° 52 . 6

Lat/Long: N ° . x W ° .

Were there incidents involving endangered or protected species? YES NO X

Which species? N/A

Comments:

Material Dredged: Mud

Biotics: wood, oyster shells, (3) black drum, (12) blue crab, (3) catfish, (1) stingray

Abiotics: trash, rope, chain, cloth, cable

No incidents involving endangered or protected species

BRIDGE WATCH SUMMARY

| <u>Date/Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|------------------|---------------------------|------------------------------|--|
| Every day | <i>Tursiops truncatus</i> | / 3-10 | Foraging & Playing between dig and dump site |
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Observers' Names Travis Tobey

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 1 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: - Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 146 " W 94 ° 53 ' 822 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: ° C / ° F Wind Direction and Speed N 25-30 knots

WATER TEMP: Surface ° C / ° F Column (mid-depth) ° C / ° F Bottom ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

No dredging performed today. Anchored up offshore for duration.

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 2 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 54 - 56 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10 ° C / ° F Wind Direction and Speed N 25-30 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
 Biotics: wood, oyster shells, (4) blue crabs
 Abiotics: trash, rope, cable wire
 Digging with one draghead only.
 NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 3 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 57 - 60 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10 ° C / ° F Wind Direction and Speed ENE 20-30 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, oyster shells, (1) drum
Abiotics: trash, rope, cable wire
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 4 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 61 - 62 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10-15 ° C / ° F Wind Direction and Speed ENE 20-30 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, oyster shells
Abiotics: trash, rope
Digging with one draghead only. Went to the dock for fuel at 1000.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 5 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 63 - 64 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 15-20 ° C / ° F Wind Direction and Speed SE 10-15 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, oyster shells, (2) blue crab
Abiotics: trash, rope
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 6 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 65 - 68 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 16-19 ° C / ° F Wind Direction and Speed SE 10-15 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, oyster shells, (5) blue crab, (1) black drum
Abiotics: trash,
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 7 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 69 - 71 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 16-22 ° C / ° F Wind Direction and Speed SE 10-20knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, oyster shells, (1) blue crab, (1) black drum, (3) catfish
Abiotics: trash,
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 8 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 72 - 74 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 16-19 ° C / ° F Wind Direction and Speed SE 5-10knots ; NE@5-10 knots

WATER TEMP: Surface 15 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, (1) black drum, (1) skate, (2) catfish, (3) blue crabs
Abiotics: trash, steel cable
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 9 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 75 - 78 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 13-17 ° C / ° F Wind Direction and Speed NE@5-20 knots : SE@5-10 knots

WATER TEMP: Surface 15 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
 Biotics: wood, (1) black drum, (1) skate, (2) catfish, (3) blue crabs, (2) mullet, (2) hog chokers
 Abiotics: trash, steel cable, crab trap
 Digging with one draghead only.
 NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 10 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 79 - Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 17-21 ° C / ° F Wind Direction and Speed NW@5-10 knots

WATER TEMP: Surface 15 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, (1) skate, (3) blue crabs
Abiotics: trash, steel cable, pipe
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 11 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 80 - 83 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 11-15 ° C / ° F Wind Direction and Speed NNE@5-15 : SE@5-10 knots

WATER TEMP: Surface 14.5 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, (1) skate, (6) blue crabs, (3) hog chokers, (2) croakers, (1) tounge fish, (3) black drum
Abiotics: trash, steel cable
Digging with one draghead only.
NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 12 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 84 - 87 Areas worked (stations, etc): stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 11-18 °C / °F e SE@5-10 , NNW @10-15 knots tion of screening

¹⁴ Were there incidents involving endangered or protected species?

Good 100%

Good 100%

YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(7) blue crabs,(6) black drum, (2) mullet
Abiotics: trash, steel cable

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 13 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / **New Work**

Load #s: 88 - 90 **Areas worked (stations, etc):** stations 68+00--> 73+00 section 3

Location, Lat/Long: N 29 ° 30 ' 8 " x W 94 ° 52 ' 6 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10-15 ° C / ° F **Wind Direction and Speed** NE@5-15 knots

WATER TEMP: Surface 14 ° C / ° F **Column (mid-depth)** ----- ° C / ° F **Bottom** ----- ° C / ° F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(2) blue crabs,(2) black drum, (4) mullet, (1) stargazer
Abiotics: trash,

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 14 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 91 - 94 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10-16 ° C / ° F Wind Direction and Speed NE@5-10 knots

WATER TEMP: Surface 14 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(4) blue crabs,() black drum, (1)spider crab, (1) hogchoker, (1) mullet
Abiotics: trash, netting

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: Houston Ship Channel USACE District: Galveston

Dredge Name: M/V Glenn Edwards Dredge Firm: Manson Construction

Contract # W912HY-08-C0006 Maintenance X / New Work

DATES: 1 / 15 / 08 -- 1 / 21 / 08 LOADS #s: 95 -- 117

Areas worked (stations, etc): stations 59+40 --->67+00 sections 1&2 loads 95-113 : section 4 loads 114-117

Locations, Lat/Long: N 29 ° 30 ' 3 " x W 94 ° 52 ' "

Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Were there incidents involving endangered or protected species? YES NO X

Which species? N/A

Comments:

Material Dredged: Mud

Biotics: wood, oyster shells, (9) black drum, (44) blue crab, (3) skates, (2) mullet, (1) stargazer,
(1) tongue fish, (10) croakers, (2) stone crab, (2) stingray, (6) snake eels, (2) flounder, (2) cutlass fish
Abiotics: trash, steel cable, netting, PVC pipe, crab traps, rope

No incidents involving endangered or protected species

BRIDGE WATCH SUMMARY

| <u>Date/Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|------------------|---------------------------|------------------------------|--|
| Every day | <i>Tursiops truncatus</i> | multi / 3-10 | Foraging & Playing between dig and dump site |
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Observers' Names Travis Tobey

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 15 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 95 - 97 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 12-16 ° C / ° F Wind Direction and Speed NE@5-10 knots

WATER TEMP: Surface 14 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(3) blue crabs,(3) black drum, (1) stone crab, (1) snake eel, (2) stingray
Abiotics: trash, netting, steel cable

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 16 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 98 - 100 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 10-15 ° C / ° F Wind Direction and Speed NE @ 15-20 knots

WATER TEMP: Surface 13.5 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, (3) blue crabs, (2) black drum, (1) stone crab, (2) snake eel, (2) flounder, (3) croaker
Abiotics: trash, netting, steel cable,

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 17 / 2008Project Name: Houston Ship ChannelUSACE District: GalvestonDredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract #: W912HY-08-C-006Maintenance X / New Work Load #s: 101 - 103 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12AIR TEMP: 10-14 ° C / ° F Wind Direction and Speed N@5-15 knotsWATER TEMP: Surface 13 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud

Biotics: wood,(8) blue crabs,(1) black drum, (1) snake eel, (1)stargazer, (2)croaker,(1) stingray

Abiotics: trash, netting

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 18 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 104 - 106 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 8-10 ° C / ° F Wind Direction and Speed NE @10-25 knots

WATER TEMP: Surface 13 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(7) blue crabs,(1) black drum, (1) snake eel, (2)cutlass fish, (2)croaker
Abiotics: trash, rope

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 19 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 107 - 109 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 1 " x W 94 ° 53 ' 3 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 6-11 ° C / ° F Wind Direction and Speed NNE@10-30 knots

WATER TEMP: Surface 13 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(7) blue crabs, (1) snake eel, (2)croaker. (1) skate
Abiotics: trash, netting, rope

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 20 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 110 - 113 Areas worked (stations, etc): section 1&2(loads110-112)section4 (load114)

Location, Lat/Long: N 29 ° 30 ' 37 " x W 94 ° 52 ' 55 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 7-11 ° C / ° F Wind Direction and Speed E@10-20 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(10) blue crabs, (1) tounge fish, (2)croaker. (2) skate, (2) black drum
Abiotics: trash, rope, steel cable, crab traps, PVC pipe

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 21 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 114 - 117 Areas worked (stations, etc): section 4

Location, Lat/Long: N 29 ° 30 ' 37 " x W 94 ° 52 ' 55 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 7-11 ° C / ° F Wind Direction and Speed SE @ 15-25 knots

WATER TEMP: Surface 12 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood, (6) blue crabs, (2) mullet,
Abiotics: trash, rope, steel cable,

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

WEEKLY SUMMARY

BRIDGE WATCH SUMMARY

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 22 / 2008Project Name: Houston Ship ChannelUSACE District: GalvestonDredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract #: W912HY-08-C-006Maintenance X / New Work Load #s: 118 - 119 Areas worked (stations, etc): section 4Location, Lat/Long: N 29 ° 30 ' 37 " x W 94 ° 52 ' 55 "Beaufort Sea State: ☒ 0 ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12AIR TEMP: 12-21 6 °C / °F Wind Direction and Speed SE@5-10 knotsWATER TEMP: Surface 12 6 °C / °F Column (mid-depth) °C / °F Bottom °C / °FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud

Biotics: wood, (5) blue crabs, (1) flounder, (1) hogchoker, (1) black drum

Abiotics: trash, steel cable,

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | | Location/Comments |
|---------|---------------------------|-----------------------|-------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 | / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 23 / 2008Project Name: Houston Ship ChannelUSACE District: GalvestonDredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract #: W912HY-08-C-006Maintenance X / New Work Load #s: 120 - 123 Areas worked (stations, etc): section 4 stations 73+00—> 78+00Location, Lat/Long: N 29 ° 30 ' 37 " x W 94 ° 52 ' 55 "Beaufort Sea State: ☐0 ☐1 ☐2 ☒3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12AIR TEMP: 12-21 °C °F Wind Direction and Speed SE@5-10 knots : NE 5-15 knotsWATER TEMP: Surface 12 °C °F Column (mid-depth) °C °F Bottom °C °FCondition of deflector: Good 100% Condition of screening: Good 100%Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud

Biotics: wood,(5) blue crabs, (2) tongue fish,(1) (3) croaker, (1) black drum, (2) eels, (1) shark sucker

Abiotics: trash, steel cable, netting

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---------|---------------------------|-----------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 24 / 2008Project Name: Houston Ship ChannelUSACE District: GalvestonDredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract # W912HY-08-C-006Maintenance X / New Work Load #s: 124 - 127 Areas worked (stations,etc): section 4 stations 73+00 → 78+00Location, Lat/Long: N 29 ° 30 ' 37 x W 94 ° 52 ' 55

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 8 - 11 (°C) / °F Wind Direction and Speed NE @ 10- 20 knotsWATER TEMP: Surface 11 (°C) / °F Column (mid-depth) °C / °F Bottom °C / °FCondition of deflector: Good 100% Condition of screening: Good 100 %Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/AComments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving protected or endangered species

Material Dredged: MudBiotics: Wood, (4) blue crabs, (2) black drum, (2) tounge fish, (1) catfishAbiotics: trash, steel cable, PVC pipe

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|----------------|----------------------------------|------------------------------|----------------------------------|
| <u>All day</u> | <u><i>tursiops truncatus</i></u> | <u>>10 / 3-5</u> | <u>between dig and dump site</u> |
| <u> </u> | <u> </u> | <u>/</u> | <u> </u> |
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Observers' Names Travis Tobey Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 25 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / **New Work**

Load #s: 128 - 131 **Areas worked (stations, etc):** stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 14 " **x** W 94 ° 53 ' 82 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 6-9 °C / °F **Wind Direction and Speed** NE@10 - 20 knots

WATER TEMP: Surface 11 °C / °F **Column (mid-depth)** ----- °C / °F **Bottom** ----- °C / °F

Condition of deflector: Good 100% **Condition of screening:** Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(2) blue crabs, (1) black drum, (2) catfish, (1) flounder,
Abiotics: trash, steel cable, PVC pipe

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey **Observer Firm:** Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 26 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 132 - 133 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 14 " x W 94 ° 53 ' 82 "

Beaufort Sea State: ☐0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 7-12 ° C / ° F Wind Direction and Speed NE@5-10 knots : SE @5-10 knots

WATER TEMP: Surface 10 ° C / ° F Column (mid-depth) ----- ° C / ° F Bottom ----- ° C / ° F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
Biotics: wood,(3) blue crabs,(2) catfish
Abiotics: trash, steel cable, tire

NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 / 3-5 | Between dig and dumpsite |
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Observers Names Travis Tobey Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 27 / 2008Project Name: Houston Ship ChannelUSACE District: GalvestonDredge Name: M/V Glenn EdwardsDredge Firm: Manson ConstructionContract #: W912HY-08-C-006Maintenance X / New Work Load #s: 134 - 136 Areas worked (stations, etc): stations 59+400 -> 67+00 sections 1 & 2Location, Lat/Long: N 29 ° 32 ' 14 " x W 94 ° 53 ' 82 "Beaufort Sea State: ☐0 ☐1 ☒2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12AIR TEMP: 9-10 °C / °F Wind Direction and Speed NE @ 5-10 knots : SE @ 5-10 knotsWATER TEMP: Surface 10 °C / °F Column (mid-depth) °C / °F Bottom °C / °FCondition of deflector: Good (100%) Condition of screening: Good (100%)Were there incidents involving endangered or protected species? YES NO XWhich species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged: Mud

Biotics: wood, (2) Blue crabs, (1) mullet

Abiotics: trash, steel cable

NO INCIDENTS INVOLVING PROTECTED OR ENDANGERED SPECIES

BRIDGE WATCH SUMMARY

| Time | Species | # Sightings/# Animals | Location/Comments |
|---------|---------------------------|-----------------------|----------------------------|
| All day | <i>tursiops truncatus</i> | >10 / 3-5 | Between dig and dump sites |
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Observers Names Travis TobeyObserver Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 28 / 2008

Project Name: Houston Ship Channel

USACE District: Galveston

Dredge Name: M/V Glenn Edwards

Dredge Firm: Manson Construction

Contract #: W912HY-08-C-006

Maintenance X / New Work

Load #s: 137 - 138 Areas worked (stations, etc): stations 59+400-->67+00 sections 1 & 2

Location, Lat/Long: N 29 ° 32 ' 14 " x W 94 ° 53 ' 82 "

Beaufort Sea State: ☒0 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 ☐9 ☐10 ☐11 ☐12

AIR TEMP: 9-14 °C / °F Wind Direction and Speed SE @ 5-15 knots

WATER TEMP: Surface 10 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials dredged: mud
 Biotics: wood,(1) blue crabs,(1) flounder
 Abiotics: trash, steel cable
 NO INCIDENTS INVOLVING ENDANGER OR PROTECTED SPECIES!

BRIDGE WATCH SUMMARY

| <u>Time</u> | <u>Species</u> | <u># Sightings/# Animals</u> | <u>Location/Comments</u> |
|-------------|---------------------------|------------------------------|--------------------------|
| All day | <i>Tursiops truncatus</i> | >10 3-5 | Between dig and dumpsite |